

What is claimed is:

1. A loop member (100) for a mechanical fastener comprising a nonwoven web (105), said nonwoven web (105) having a pattern of intersecting bond lines (110), said pattern comprising a first plurality of non-intersecting continuous bond lines (120) and a second plurality of non-intersecting continuous bond lines (130), each non-intersecting continuous bond line of said first plurality intersecting each non-intersecting continuous bond line of said second plurality, said pattern of intersecting bond lines (110) defining unbonded pattern elements (140), each of said pattern elements (140) being at least partially bounded by a non-linear segment (150) of one of said bond lines (120, 130).
2. The loop member (100) of Claim 1 wherein said pattern elements (140) define a tessellating pattern.
3. The loop member (100) of Claim 1 wherein each bond line in said first plurality of non-intersecting continuous bond lines (120) is disposed at a constant equal distance from adjacent bond lines.
4. The loop member (100) of Claim 1 wherein each bond line in said first plurality of non-intersecting continuous bond lines (120) defines a wave pattern.
5. The loop member (100) of Claim 1, wherein each bond line in said first plurality of non-intersecting continuous bond lines (120) defines a wave pattern and adjacent bond lines are 180 degrees out of phase.
6. The loop member (100) of Claim 5, wherein each bond line in said second plurality of non-intersecting continuous bond lines (130) defines a wave pattern and adjacent bond lines are 180 degrees out of phase.
7. The loop member (100) of Claim 1, wherein said nonwoven web (105) is chosen from the group consisting of: spunbond webs, meltblown webs, carded webs, and hydroentangled webs.
8. The loop member (100) of Claim 1, wherein said nonwoven web (105) is bonded to a backing member.

9. The loop member (100) of Claim 6, wherein said backing member is elastomeric, and said nonwoven web (105) is shirred.
10. A bond pattern (110) for a nonwoven web suitable for use as a loop member (100) of a mechanical fastener, the bond pattern (110) comprising intersecting bond lines (120, 130) having a uniform width and defining a number of bond pattern elements (140) per unit area, wherein at least one of the bond lines (120, 130) is nonlinear, and wherein the ratio of contour to overall bonded area of the bond pattern is greater than a bond pattern comprising all straight lines having the same uniform line width and defining the same number of bond pattern elements per unit area.
11. The bond pattern of Claim 8, wherein each of said bond lines (120, 130) is nonlinear.
12. The bond pattern of Claim 9, wherein said pattern (110) is a tessellating pattern.